FEDERAL ITEM IDENTIFICATION GUIDE

INDICATING LEVELS

This Reprint replaces FIIG T370, dated July 2, 2010.

Commander

Defense Logistics Information Service

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGW OVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
LEVEL AND PLUMB	06267	AA

An instrument used to establish the horizontal or vertical plane. It consists of a body of wood, metal or bakelite with one or more level vials and one or more plumb vials.

LEVEL, BENCH	06258	AA

A very sensitive instrument used to establish accurately the horizontal plane. It consists of a machined and scraped metal base with an involute groove or flat base. It has an adjustable or nonadjustable vial which may be graduated or plain. It has no mounting facilities.

LEVEL, CROSS TEST	06259	AA

An instrument used to establish simultaneously two horizontal planes at right angles. It consists of a body in the shape of a square, with a level vial on both beam and blade.

LEVEL, CROSS TESTS AND PLUMB	06260	AA

An instrument used to establish simultaneously, two horizontal planes at right angles. It consists of a body in the shape of a square with a level vial on the blade and beam and also a plumb vial on the beam for finding a vertical plane.

LEVEL, CYLINDRICAL, CIRCULAR VIAL	06261	AA

A precision instrument used to determine a horizontal plane in all directions on one setting. It is centrally located in relation to the periphery of the top of the item, for centering the bubble. The item may be mounted to a cylinder.

LEVEL, ELECTRONIC	40951	AB

A very sensitive instrument used to establish accurately the horizontal plane. It consists of one or more electronic sensing heads which are connected to or may include an indicating meter. The meter will indicate the horizontal difference between the base of the sensing head and the plane the head was adjusted to.

LEVEL, FIRE CONTROL INSTRUMENT	21945	CA

A device which utilizes a cylindrical or circular VIAL, LEVEL. It is used for leveling, adjusting and setting angles for fire control instruments of which it is an integral part.

LEVEL, LEVEL ROD	08073	EA

A small device consisting of a level vial or vials mounted in a bracket which is held against or fastened to a level rod to determine whether the rod is being held in a vertical position.

Approved Item Name	INC	App Key
LEVEL, LINE	06262	AA

An instrument used to establish the horizontal plane of a course line as in laying brick or stone walls, foundations, buildings, roads, etc. It consists of a lightweight pocket type level with hooks at each end for attaching on or hooking over a line.

LEVEL, MORTAR MOUNT	21946	CA

A device which utilizes a cylindrical VIAL, LEVEL. It is designed for use in leveling a MOUNT, MORTAR.

LEVEL, OPTICAL, AUTOMATIC	60695	DB

A self-leveling level and sighting device which utilizes a compensator, supported by nonmagnetic wires, to automatically and precisely level the line of sight of the telescope. Includes a tribrach and a specific type of adapter for tripod or weapon mounting. Excludes LEVEL, SURVEYING.

LEVEL, PLATE MOUNTED	37518	EA

A sensitive instrument used to establish accuratedly the horizontal plane. It consists of a vial(s) in an enclosure which may or may not have mounting holes. It is mounted in or on a flat plate base. The vial may be graduated or plain.

LEVEL, POCKET	06263	AA

A small instrument suitable for carrying in pocket and used for checking the horizontal plane. It consists of a small metal, wood, or plastic base with a vial so set as to center itself when held in a horizontal position. Do not use if a more specific item name exists.

LEVEL, PRECISION, MASTER	06264	AA

A precisely calibrated instrument used as a master reference standard to establish an absolute horizontal plane. The metal base is seasoned and heat treated or otherwise specially treated to insure maximum stability, and is accurately machined and scraped to the true plane on the contact surface. The top plate is of nonconductive heat insulating material. It has a very sensitive vial graduated to indicate a variation of 0.0005 inch (0.0127mm) per foot (0.3048m) in a horizontal plane. It may have a cross level vial to assist in setting the true horizontal by showing position laterally.

LEVEL, RAILROAD TRACK	06265	AA

An instrument used for checking the horizontal plane of railroad track. It consists of a wood body with 2 metal legs on one end and a single leg with an adjustable scale on the other; a main non-graduated vial so set that when the face of level is held on a horizontal plane the bubble will center itself.

LEVEL, RIFLE GRENADE LAUNCHER SIGHT	21947	CA

A device which utilizes a cylindrical VIAL, LEVEL. It is an integral part of a SIGHT, RIFLE GRENADE LAUNCHER.

Approved Item Name	INC	App Key
LEVEL, ROTOR CASE, GYROCOMPASS	12974	BA

An indicating instrument which serves as a guide in leveling the rotor axis of a gyrocompass. It consists of a graduated vial with a liquid bubble and is attached to the rotor case of a gyrocompass.

LEVEL, STRIDING	06266	AA

An instrument used for accurately checking the horizontal plane over small obstructions. An instrument repairman's tool. It consists of a bench level with the base modified by adding an inverted V-block leg on each end.

LEVEL, TEST STAND	23178	CA

A device which utilizes a VIAL, LEVEL. It is used for leveling, adjusting and setting angles for test stand of which it is a component part.

VIAL, LEVEL	12975	DA

A small transparent vessel, inclosing a liquid with an air bubble. It is the indicating part of a level. The item may be cylindrical in shape, or a comparatively flat, circular item, but does not have a mounting hardware. For mounted items and items including mounting or mounting hardware, see LEVEL (as modified).

VIAL, TUBULAR MOUNTED	37517	DB

A very sensitive vial, level mounted in a tubular enclosure with mounting facilities. It is designed to be mounted by holes in mounting ears or holes through tube to a flat surface or surfaces. It may also include mounting screws. The vial may be graduated or plain.

APPLICABILITY KEY INDEX

	AA	AB
NAME	X	X
MATL	X	X
APGF	X	X
APCS	X	X
BLFT	AR	AR
BDQX	X	X
CCPB	X	
CCNN	X	
CCNP	AR	
CCNQ	X	
CCNR	AR	
CCNS	X	
AGUC	AR	AR
AGXZ	AR	AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
AGAV	AR	AR
AWJN	AR	AR
SUPP	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR

	BA
NAME	X
ADTV	X
CCNT	X
CCNR	X
ABMZ	AR
HGTH	AR
ABRY	AR
ABGL	AR
AXGY	X
ALGC	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

	CA
NAME	X
AJLF	X
CCNW	X
CCNX	AR
CCNY	AR
CCNQ	AR
CCNR	AR
BSMK	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

	DA	DB
NAME	X	X
CCNY	X	X
CCNS	AR	AR
ABRY	AR	AR
ABMZ	AR	AR
HGTH	AR	AR
CCNQ	X	X
CCNT	AR	AR
CCNR	AR	AR
CCNZ	X	X
AFGA	X	X
AXGY		X
ALGC		X
AGUC		AR
PKTY		AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
AGAV	AR	AR
AWJN	AR	AR
SUPP	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR

	EA
NAME	X
AJLF	X
APGF	X
CCNY	AR
CCNR	AR
AXGY	X
ALGC	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
AWJN	AR
SUPP	AR
ZZZP	AR
ZZZV	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06258*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDFEA000*; MATLDBR0000$$DPC0000*; MATLDBR0000$DBN0000*)

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDDSX*; APGFDDSW$DDSX*)

REPLY CODE	REPLY (AK54)
DSW	DOUBLE FACE
FDD	ELECTRIC
DSX	SINGLE FACE

ALL			
	APCS	D	ADJUSTABILITY

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APCSDA*; APCSDA$DC*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

NOTE FOR MRC BLFT: IF REPLY CODE A IS ENTERED FOR MRC APCS, REPLY TO MRC BLFT.

ALL* (See Note Above)

BLFT D ADJUSTABLE CHARACTERISTICS

Definition: AN INDICATION OF THE ADJUSTABLE CHARACTERISTICS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLFTDALP*; BLFTDALP$DALQ*)

REPLY CODE	REPLY (AJ41)
ALP	DEG OF PITCH
ALQ	TRUE VIALS

ALL

BDQX G OVERALL OUTSIDE DIMENSIONS

Definition: THE MEASUREMENTS TAKEN TO SPECIFY THE OVERALL OUTSIDE DIMENSIONS.

Reply Instructions: Enter the reply in clear text. (e.g., BDQXG2.125 IN. BY 1 IN. BASE*; BDQXG18 IN. LG O/A*)

NOTE FOR MRCS CCPB, CCNN, CCNP, CCNQ, CCNR AND CCNS: FOR MRC CCPB, ENTER MULTIPLE TYPES USING AND/OR ($$) CODING AND OPTIONAL TYPES USING OR CODING ($), ENTERING IN REPLY TABLE SEQUENCE. FOR REMAINING MRCS, USE AND/OR ($$) AS APPLICABLE, IN THE SAME SEQUENCE AS MRC CCPB.

APP Key	MRC	Mode Code	Requirements

AA (See Note Above)

CCPB D VIAL TYPE

Definition: INDICATES THE TYPE OF VIAL FURNISHED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCPBDDTX; CCPBDDTY$$DDWE; CCPBDDTZ$DDWA*)*

REPLY CODE	REPLY (AK54)
DTX	BUBBLE
DTY	CROSS LEVEL
DTZ	CROSS TEST
DWA	INCLINE LEVEL
DWB	LEVEL
DWC	METER
DWD	MITRE
DWE	PLUMB
DWF	45 DEG
DWG	45 DEG PLUMB

AA (See Note Preceeding MRC CCPB)

CCNN A VIAL QUANTITY

Definition: THE NUMBER OF VIALS PROVIDED ON THE ITEM.

Reply Instructions: Enter the quantity. Enter the applicable ISAC Coding from the table below followed by quantity. (e.g., CCNNA1; CCNNA2$A3*; CCNNADTX$ADWA*)*

REPLY CODE	*REPLY (0347)*
1A	*BUBBLE*
1B	*CROSS LEVEL*
1C	*CROSS TEST*
1D	*INCLINE LEVEL*
1E	*LEVEL*
1F	*METER*
1G	*MITRE*
1H	*PLUMB*
1J	*45 DEG*
1K	*45 DEG PLUMB*

AA* (See Note Preceding MRC CCPB)

CCNP D VIAL ARRANGEMENT

Definition: THE ARRANGEMENT OF THE VIALS ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCNPDBDN*;

CCNP1ADBDM*

CCNP1BDBDN$DBDM*)

Table 1

REPLY CODE	REPLY (0347)
1A	*BUBBLE*
1B	*CROSS LEVEL*
1C	*CROSS TEST*
1D	*INCLINE LEVEL*
1E	*LEVEL*
1F	*METER*
1G	*MITRE*
1H	*PLUMB*
1J	*45 DEG*
1K	*45 DEG PLUMB*

Table 2

REPLY CODE	REPLY (AM39)
BDN	*PAIRS*
BDM	*SINGLE*

AA (See Note Preceding MRC CCPB)

CCNQ D VIAL GRADUATIONS

Definition: AN INDICATION OF WHETHER OR NOT VIAL GRADUATIONS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCNQDB*;

CCNQ1ADB*

CCNQ1BDB$DC*)

Table 1

REPLY CODE	REPLY (0347)
1A	*BUBBLE*
1B	*CROSS LEVEL*
1C	*CROSS TEST*
1D	*INCLINE LEVEL*
1E	*LEVEL*
1F	*METER*
1G	*MITRE*
1H	*PLUMB*
1J	*45 DEG*
1K	*45 DEG PLUMB*

Table 2

REPLY CODE	REPLY (AA49)
B	*INCLUDED*
C	*NOT INCLUDED*

NOTE FOR MRC CCNR: IF REPLY CODE B IS ENTERED FOR MRC CCNQ, REPLY TO MRC CCNR.

AA* (See Note Preceding MRC CCPB And Above)

CCNR G VIAL GRADUATION VALUE

Definition: THE VALUE REPRESENTED BY EACH GRADUATION ON THE VIAL.

Reply Instructions: Enter the reply in clear text. (e.g., CCNRG0.00117 IN. PER FT*)

AA (See Note Preceding MRC CCPB)

CCNS D VIAL SURFACE FINISH

Definition: AN ADDITIONAL FINISHING PROCESS BY WHICH THE SURFACE OF THE VIAL IS ALTERED IN RESPECT TO POLISHING, GRINDING, AND THE LIKE.

Reply Instructions: Enter the applicable ISAC Coding from the table below followed by quantity. (e.g., CCNSDAF*;

CCNS1ADAF*

CCNS1BDAF$DAH*

CCNS1CDAF*)

Table 1

REPLY CODE	REPLY (0347)
1A	*BUBBLE*
1B	*CROSS LEVEL*
1C	*CROSS TEST*
1D	*INCLINE LEVEL*
1E	*LEVEL*
1F	*METER*
1G	*MITRE*
1H	*PLUMB*
1J	*45 DEG*
1K	*45 DEG PLUMB*

Table 2

REPLY CODE	REPLY (AA41)
AF	*GROUND*
AH	*UNGROUND*

ALL*

AGUC A UNIT PACKAGE QUANTITY

Definition: THE NUMBER OF ITEMS CONTAINED IN THE UNIT PACKAGE.

Reply Instructions: Enter the quantity. (e.g., AGUCA1*; AGUCA1$A2*)

NOTE FOR MRC AGXZ: IF A REPLY IS ENTERED FOR MRC AGUC, REPLY TO MRC AGXZ.

ALL* (See Note Above)

AGXZ D UNIT PACKAGE TYPE

Definition: INDICATES THE TYPE OF CONTAINER IN WHICH THE ITEM OF SUPPLY IS PACKAGED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGXZDAAAB*; AGXZDAAAB$DAAAC*)

REPLY CODE	REPLY (AE96)
AAAB	BOX
AAAC	CARTON

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information. (e.g., NAMED12974*)

ALL			
	ADTV	D	CASE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ADTVDALC000*; ADTVDAL0000$$DBR0000*; ADTVDFE0000$DFEA000*)

ALL			
	CCNT	F	VIAL GRADUATION RANGE IN MINUTES

Definition: THE MINIMUM AND MAXIMUM VALUES REPRESENTED BY THE GRADUATIONS ON THE VIAL, EXPRESSED IN MINUTES.

Reply Instructions: Enter the numeric values, separated by a slash. Precede each value with the letter P. (e.g., CCNTFP1.0/P240.0*)

ALL			
	CCNR	G	VIAL GRADUATION VALUE

Definition: THE VALUE REPRESENTED BY EACH GRADUATION ON THE VIAL.

Reply Instructions: Enter the reply in clear text. (e.g., CCNRG5 GRADUATIONS EQUALS 6 SECONDS*)

NOTE FOR MRCS ABMZ, HGTH, ABRY, ABGL: IF THE CASE IS ROUND IN SHAPE, REPLY TO MRCS ABMZ AND HGTH.

IF THE CASE IS OTHER THAN ROUND IN SHAPE, REPLY TO MRCS ABRY, ABGL AND HGTH.

APP Key	MRC	Mode Code	Requirements

ALL* (See Note Above)

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA0.563*; ABMZJAB0.500$$JAC0.626*; ABMZJLA14.3*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ABMZ

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA0.500*; HGTHJAB0.400$$JAC0.600*; HGTHJLA12.7*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL* (See Note Preceding MRC ABMZ

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA3.500*; ABRYJAB3.000$$JAC4.000*; ABRYJLA88.9*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ABMZ

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA0.563*; ABGLJLA14.3*; ABGLJAB0.500$$JAC0.626*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDABH*; AXGYDABC$DABH*)

REPLY CODE	REPLY (AM39)
ABC	BRACKET
ABH	CLAMP
ACP	HOLE
AAE	STUD
AET	THREADED STUD

ALL

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., ALGCGBRACKET ARMS SPACES 3-3/8 IN. APART*)

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information section. (e.g., NAMED21945*)

ALL			
	AJLF	D	HOUSING MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE HOUSING IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., AJLFDBR0000*; AJLFDST0000$$DSTB000*; AJLFDST0000$DSTB000*)

ALL			
	CCNW	D	VIAL IN ACCORDANCE W/MILITARY STD

Definition: AN INDICATION OF WHETHER OR NOT A VIAL IN ACCORDANCE WITH A MILITARY STANDARD IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCNWDB*; CCNWDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

NOTE FOR MRCS CCNX, CCNY, AND CCNQ: IF REPLY CODE B IS ENTERED FOR MRC CCNW, REPLY TO MRC CCNX. IF REPLY CODE C IS ENTERED FOR MRC CCNW, REPLY TO MRCS CCNY AND CCNQ.

ALL* (See Note Above)			
	CCNX	G	MILITARY STANDARD DESIGNATOR

Definition: A DESIGNATION ASSIGNED TO THE MILITARY STANDARD.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text.

(e.g., CCNXGMS-34102-3*)

ALL* (See Note Preceding MRC CCNX)

CCNY D VIAL SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE VIAL.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCNYDABS*; CCNYDABS$DADB*)

REPLY CODE	REPLY (AD07)
ABS	CIRCULAR
ADB	CYLINDRICAL

ALL* (See Note Preceding MRC CCNX)

CCNQ D VIAL GRADUATIONS

Definition: AN INDICATION OF WHETHER OR NOT VIAL GRADUATIONS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCNQDB*; CCNQDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC CCNR: IF REPLY CODE B IS ENTERED FOR MRC CCNQ, REPLY TO MRC CCNR.

ALL* (See Note Above)

CCNR G VIAL GRADUATION VALUE

Definition: THE VALUE REPRESENTED BY EACH GRADUATION ON THE VIAL.

Reply Instructions: Enter the reply in clear text. (e.g., CCNRG1/2 THOUSANDTH IN. PER FT*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	BSMK	G	ATTACHMENT METHOD

Definition: THE MEANS USED TO ATTACH THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., BSMKGMOUNTED BY TWO NO. 10-24 THREAD STUDS ON 2 INCH CENTERS*)

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED12975*)

ALL			
	CCNY	D	VIAL SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE VIAL.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCNYDABS*; CCNYDABS$DADB*)

REPLY CODE	REPLY (AD07)
ABS	CIRCULAR
ADB	CYLINDRICAL

NOTE FOR MRCS CCNS, ABRY, ABMZ, AND HGTH: IF REPLY CODE ADB IS ENTERED FOR MRC CCNY, REPLY TO MRCS CCNS, ABRY, AND ABMZ. IF REPLY CODE ABS IS ENTERED FOR MRC CCNY, REPLY TO MRCS ABMZ AND HGTH.

ALL* (See Note Above)			
	CCNS	D	VIAL SURFACE FINISH

Definition: AN ADDITIONAL FINISHING PROCESS BY WHICH THE SURFACE OF THE VIAL IS ALTERED IN RESPECT TO POLISHING, GRINDING, AND THE LIKE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCNSDAF*; CCNSDAF$DAH*)

REPLY CODE	REPLY (AA41)
AF	GROUND
AH	UNGROUND

APP Key	MRC	Mode Code	Requirements

ALL* (See Note Preceding MRC CCNS)

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA3.350*; ABRYJAB3.000$$JAC3.700*; ABRYJLA88.9*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC CCNS)

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA0.400*; ABMZJAB0.200$$JAC0.600*; ABMZJLA10.2*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL* (See Note Preceding MRC CCNS)

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value (includes depth). (e.g., HGTHJAA0.218*; HGTHJAB0.118$$JAC0.318*; HGTHJLA5.5*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

CCNQ D VIAL GRADUATIONS

Definition: AN INDICATION OF WHETHER OR NOT VIAL GRADUATIONS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCNQDB*; CCNQDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS CCNT AND CCNR: IF REPLY CODE B IS ENTERED FOR MRC CCNQ, REPLY TO MRCS CCNT AND CCNR.

ALL* (See Note Above)

APP Key	MRC	Mode Code	Requirements
	CCNT	F	VIAL GRADUATION RANGE IN MINUTES

Definition: THE MINIMUM AND MAXIMUM VALUES REPRESENTED BY THE GRADUATIONS ON THE VIAL, EXPRESSED IN MINUTES.

Reply Instructions: Enter the numeric values separated by a slash mark. Precede each value with the letter P. (e.g., CCNTFP2.3333/P2.6667*)

ALL* (See Note Preceding MRC CCNT)

	CCNR	G	VIAL GRADUATION VALUE

Definition: THE VALUE REPRESENTED BY EACH GRADUATION ON THE VIAL.

Reply Instructions: Enter the reply in clear text. (e.g., CCNRG0.1 GRADUATION EQUALS 2.5 TO 3 MIN*)

ALL

	CCNZ	D	LIQUID COLOR

Definition: THE HUE OR TINT OF THE LIQUID.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCNZDCL0000*; CCNZDGR0000$DGR0042*)

REPLY CODE	REPLY (AD06)
AM0000	AMBER
A	ANY ACCEPTABLE
CL0000	CLEAR
GR0000	GREEN
GR0042	GREEN, YELLOW
MS0042	OPAQUE
YE0000	YELLOW

ALL

	AFGA	J	OPERATING TEMP RANGE

Definition: THE MINIMUM AND MAXIMUM LIMITS OF TEMPERATURE AT WHICH THE ITEM IS RATED FOR OPERATION.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash mark. Precede values by the letter M for below zero degrees and by the letter P for above zero degrees. (e.g., AFGAJCM60.0/P125.0*; AFGAJFM76.0/P257.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AFGAKN*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS
F	DEG FAHRENHEIT

DB

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDACQ*; AXGYDABY$$DACQ*; AXGYDABY$DACQ*)

REPLY CODE	REPLY (AM39)
ABY	SLOT
AHF	THREADED HOLE
ACQ	UNTHREADED HOLE

DB

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., ALGCGHOLES SPACED 2-1/2 IN. CENTER TO CENTER*)

DB*

AGUC A UNIT PACKAGE QUANTITY

Definition: THE NUMBER OF ITEMS CONTAINED IN THE UNIT PACKAGE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the quantity. (e.g., AGUCA1*)

NOTE FOR MRC PKTY: IF A REPLY IS ENTERED FOR MRC AGUC, REPLY TO MRC PKTY.

DB* (See Note Above)

PKTY D UNIT PACKAGE TYPE

Definition: INDICATES THE TYPE OF CONTAINER IN WHICH THE ITEM OF SUPPLY IS PACKAGED.

Repy Instructions: Enter the applicable Reply Code from the table below. (e.g., PKTYDACD*; PKTYDACD$DACX*)

REPLY CODE	REPLY (AN65)
ACD	BOX
ACX	CARTON

SECTION: E

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED37518*)

ALL			
	AJLF	D	HOUSING MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE HOUSING IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AJLFDBR0000*; AJLFDST0000$$DSTB000*; AJLFDST0000$DSTB000*)

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDDSX*; APGFDDSW$DDSX*)

REPLY CODE	REPLY (AK54)
DSW	DOUBLE FACE
DSX	SINGLE FACE

ALL*			
	CCNY	D	VIAL SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE VIAL.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CCNYDABS*; CCNYDABS$DADB*)

REPLY CODE	REPLY (AD07)

APP Key	MRC	Mode Code	Requirements
		ABS	CIRCULAR
		ADB	CYLINDRICAL

ALL*

CCNR G VIAL GRADUATION VALUE

Definition: THE VALUE REPRESENTED BY EACH GRADUATION ON THE VIAL.

Reply Instructions: Enter the reply in clear text. (e.g., CCNRG0.00117 IN. PER FT*)

ALL

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDABH*; AXGYDABC$DABH*)

REPLY CODE	REPLY (AM39)
ABC	BRACKET
ABH	CLAMP
ACP	HOLE
AAE	STUD
AET	THREADED STUD

ALL

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., ALGCGBRACKET ARMS SPACED 3-3/8 IN. APART*)

ALL*

CBBL D FEATURES PROVIDED

APP Key	MRC	Mode Code	Requirements

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the Reply Code from the table below. (e.g., CBBLDASQ*)

REPLY CODE	REPLY (AN47)
ASQ	ADJUSTABLE

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

APP Key	MRC	Mode Code	Requirements
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL* (See Note Above)			

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

	ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)

APP Key	MRC	Mode Code	Requirements
		A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF1.0217*; AFJKJE0.03*)

REPLY CODE	REPLY (AD42)
F	CUBIC FEET
E	CUBIC METERS

ALL

AGAV	G	END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

AWJN	J	UNPACKAGED UNIT WEIGHT

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWJNJAS0.500*; AWJNJBA22.7*)

For items indicating pounds and ounces, see Appendix C, Table 2 for conversion.

REPLY CODE	REPLY (AG67)
BA	GRAMS
AJ	KILOGRAMS

APP Key	MRC	Mode Code	Requirements
	AS		POUNDS
ALL			
	SUPP	G	SUPPLEMENTARY FEATURES
	Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.		
	Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)		
ALL			
	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
	Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.		
	Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.		
	(e.g., ZZZPJ81A37-30624A*)		
ALL			
	ZZZV	G	FSC APPLICATION DATA
	Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.		
	Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGBEARINGS, ANTIFRICTION, UNMOUNTED*)		

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Reply Tables

Table 1 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
A	ANY ACCEPTABLE
BR0000	BRASS
BN0000	BRONZE
FE0000	IRON
FEX000	IRON ALLOY
FEA000	IRON, CAST
MG0000	MAGNESIUM
PC0000	PLASTIC
ST0000	STEEL
STB000	STEEL, CORROSION RESISTING
TTA000	TITANIUM
WD0000	WOOD
ZNL000	ZINC ALLOY

Table 2 - NONDEFINITIVE SPEC/STD DATA

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR

REPLY CODE	REPLY (AD08)
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS

REPLY CODE	REPLY (AD08)
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

No table of contents entries found.

FIIG Change List

FIIG Change List, Effective August 6, 2010

This change replaced with ISAC or and/or coding.